# Capability Acceptance Process
# Acceptable Capability List*

# Version: 5.5
# August 2023

*This list is a living document and subject to change. For more information, please contact your CAP Representative or email us at CAP@tsa.dhs.gov.

# Contents

## 1. Introduction

1.1. Document Purpose

The Acceptable Capability List (ACL) serves as the Transportation Security Administration's (TSA's) official list of Capabilities[1] or Transportation Security Equipment (TSE) that TSA is able to accept from Donors with the intent of donating to TSA to be used within operations.

The ACL is a living document that includes all Capabilities currently able to be donated to TSA based on the approval of applicable phases of the Department of Homeland Security (DHS) Acquisition Lifecycle Framework[2]

1.2. Document Format

This document is arranged by checkpoint TSE, general checkpoint Furniture, Fixtures and Equipment (FF&E), and checked baggage TSE. Furniture, Fixtures and Equipment is also listed per TSE as applicable. Each TSE has FF&E that is required to be provided with the TSE to ensure successful operations. In addition, TSA may require additional associated FF&E, on a case-by-case basis, to allow for efficient operations at the checkpoint or checked baggage areas. TSA reserves the right to require additional FF&E that is not listed within this document.

1.3. General Donor Guidelines

TSA encourages checkpoint and checked baggage TSE be aligned with existing TSE make and models already deployed to that airport. Additional guidelines for specific TSE or other capabilities are listed below.

1.4. Disclaimer

TSA reserves the right to add or remove any Capability from the ACL.

1.5. Configuration

The Device Number and Software Version indicate the only configurations that TSA will accept as a donation to be used within TSA operations. The Donor shall ensure that the configuration of any donated Capability is in accordance with the configuration listed in the ACL. As there may be a delay between the time a Donor procures a Capability and when it is installed, the Donor is responsible to ensure the latest TSA-approved configuration is installed.

Any changes to the configuration (to include changes to parts, color, exterior of the TSE, etc.) must be approved by a TSA Acquisition Program Management representative prior to delivery and/or installation. The applicable form of acceptance testing may not be deemed acceptable, if

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[1] Any type of technology, property, or equipment such as TSE, emerging technology, or Furniture, Fixtures, and Equipment. Within this document, Capabilities and Transportation Security Equipment are considered synonymous. For the purpose of this document, the TSE list on the ACL is defined as "Acceptable Capability".
[2] Additional information regarding the DHS Acquisition Lifecycle Framework is provided within the DHS Acquisition Directive 102-01-001.

changes to parts, colors, exterior of the TSE are approved. Donor will be responsible for ensuring that the TSE can be and is returned to TSA's standard configuration prior to the TSE being moved. Additional testing may be required for any changes to the configuration.

1.6. Manufacturer Contact Information

| Company | Address | Point of Contact | Phone Number | Email Address |
|---------|---------|------------------|--------------|---------------|
| Analogic Corporation | 8 Centennial Drive Peabody, MA 01960 | Paul Erhard | 978-239-8541 | Perhard@analogic.com |
| CEIA USA | 6336 Hudson Crossing Parkway, Hudson, OH 44236 | Hasbrouck Miller | 330-283-1277 | Bmiller@ceia-usa.com |
| DESKO GmbH | 56 95448 Bayreuth Germany | Jesus Garcia | 262-344-5571 | Jesus.Garcia@desko.de |
| Idemia Identity and Security N.A. | 296 Concord Road Billerica, MA 01821 | James Queenan | 978-215-2618 | James.Queenan@us.idemia.com |
| Integrated Defense and Security Solutions (IDSS) | 85 Swanson Rd Suite 110, Boxborough, MA 01719 | Patricia Krall | 727-510-1997 | Pkrall@idsscorp.net |
| Leidos Security Detection & Automation | 1 Radcliff Road, Tewksbury, MA 01876 | Roberto Ayala/ Sissy Presnell | 813-470-9348 202-365-2476 | Roberto.Ayala@leidos.com Sissy.Pressnell@leidos.com |
| Rohde & Schwarz USA, Inc. | 6821 Benjamin Franklin Drive Columbia, MD 21046 | Luke Olsen | 571- 395-0244 | Luke.Olsen@rsa.rohde-schwarz.com |
| Scarabee | Hoeksteen 131 2132 MX Hoofddorp Netherlands | Craig Hanford/ Robin Maycock | +31 85 7608620/ +31 62 5511806 | Craig.Hanford@scarabee.com Robin.Maycock@scarabee.com |
| Smiths Detection Inc. | 2202 Lakeside Blvd Edgewood, MD 21040 | Christopher Steinmann/ | 832-352-6390/ | Chris.Steinmann@smiths-detection.com |

1.7. Document Updates

| Page | Section | Update | Date |
|------|---------|--------|------|
| 4, 5, 8, 9, 12, 13, 14, 16 | 1.6, 1.7, 2.1.2, 2.3.2, 2.3.3, 2.3.4, 2.5.2, 2.6.1, 2.6.2, 2.7.1, 2.7.2, 2.7.3, 2.9.2 | Automated Screening Lane Software Version updated; Added Credential Authentication Technology system; Additional technology description and guidelines included for various Checkpoint Transportation Security Equipment | April 2020 |

| 4, 9 -10 | 1.6, 2.3.3, 2.3.4, | Updated company name and contact information throughout document; Updated ASL software version; Added Anti-Microbial Bins and ASL Training Simulators | August 2020 |
|---|---|---|---|
| 1, 10, 11, | 1.6, 10.4, 1.6 | Updated contacts, phone numbers and addresses; Changed Technology Nomenclature; Updated VI Bins; Added VI Covid Protective Shielding Kit | December 2020 |
| 10 | 2.3.4 | Added VI Anti-Microbial Bins | April 2021 |
| 15,16, 8 | 2.6, 2.2 | Added Analogic Mid-size CPSS; Deleted Advanced Technology (AT) X-ray | September 2021 |
| 4, 10-12, | 1.6, 2.5, 2.5.2 2.4.3, 2.4.4 | Updated POC information; Added CPSS Base and Full-Size systems with FF&E; Updated Site Acceptance Testing (SAT) information; Deleted ASL equipment; Deleted section 10 (Other Capabilities) | March 2022 |
| 6, 7 | 2.1.3, 2.1.4, | Added Rohde and Schwarz AIT and FF&E; Updated CPSS CT equipment and FF&E; Removed ASL exclusive vendors; Added additional FF&E for screening operations | May 2022 |
| 4, 12, 14 | 1.6, 2.4.3, 2.4.4 | Added Smiths and Scarabee Mid-size CPSS Systems, Smiths Full-size system, software and related CPSS FF&E; Updated contacts for Leidos, Smiths, and Scarabee; Updated software version for Leidos AIT; Deleted ASL | November 2022 |
| 13, 14 | 2.4.3, 2.4.4 | Added Scarabee Full-size; Smiths Base-size and IDSS Mid-size CPSS Systems | January 2023 |
| 4, 6, 11 | 2.1.3, 2.4.2, 2.4.3, 2.4.4, 2.5.2, 2.5.3 | Updated Contact list; Updated Leidos AIT Software; Added IDSS Full Size; removed CAT I; Added CAT 2 Upgrade Kit; Added requirement for bins and peripheral equipment to the donor procured CPSS warrantee. | August 2023 |

**2. Checkpoint Transportation Security Equipment**

2.1. Advanced Imaging Technology

2.1.1. Technology Description

Advanced Imaging Technology (AIT) detects metallic and nonmetallic anomalies concealed on passengers as they enter the screening checkpoint. AIT systems are used to screen passengers safely for weapons, explosives, and other objects concealed under layers of clothing, without physical contact, thus reducing the need for pat-down searches.

2.1.2. Guidelines for Donors

Factory Acceptance Testing (FAT) and Site Acceptance Testing (SAT) will be required for an AIT. An Explosives Trace Detection (ETD) system must be co-located with the AIT. Therefore, the Donor is required to coordinate with TSA regarding whether an ETD is available to be deployed with the donated AIT. If the Donor intends to donate an ETD as well, please see Paragraph 2.8 for technology and FF&E required for an ETD.

2.1.3. Technology

The following is the list of technology that TSA can accept as a Capability.

| Vendor | Device Make & Model | Software Version | Date Added to ACL |
|---|---|---|---|
| Leidos Security Detection & Automation | ProVision 2 | SYS 3.1.20 with enhanced detection algorithms S3.84.50 and S3.20.141 | September 2019 |
| Vendor | Device Make & Model | Software Version | Date Added to ACL |
| Rohde & Schwarz | QPS201 | 3.1.0 US | May 2022 |

2.1.4. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the technology to be operational.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| Leidos Security Detection & Automation | ProVision 2 | Operational Test Kit | L3 Security & Detection Systems, Inc. | N/A | Operational Test Kit |

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|--------|---------------------|------|-----------------------------|-------------|-------------|
| Rohde & Schwarz | QPS201 | Operational Test Kit | Rohde & Schwarz | N/A | Operational Test Kit |

The following is FF&E that TSA requires for efficient operations.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|--------|---------------------|------|-----------------------------|-------------|-------------|
| Leidos & Rohde & Schwarz | ProVision 2/ QPS 201 | Stanchions | Lavi | STANCHION-50-3000DL/WB/BK | Between 4 and 8 stanchions to properly queue passengers and hold for additional screening |
| Leidos & Rohde & Schwarz | ProVision 2/ QPS 201 | Anti-Fatigue Mats | Carolina Industries | TBD on size | Sufficient coverage for areas where TSOs operate |
| Leidos & Rohde & Schwarz | ProVision 2/ QPS 201 | ETD Cart | Spill911 | Pucel 23" X 24" Utility Table | 1 per AIT |
| Rohde & Schwarz | QPS 201 | Sign Holder | | | Free standing sign holder. 1 per AIT |

2.2. Boarding Pass Scanners

2.2.1. Technology Description

A Boarding Pass Scanner is a device employed to read a passenger's boarding pass and display the passenger's name, flight information, and risk status to the Travel Document Checker (TDC). With this information, the TDC is able to determine if a passenger should be admitted to, and routed through, the checkpoint to receive the appropriate level of security screening.

2.2.2. Guidelines for Donors

None at this time.

2.2.3. Technology

| The following is the list of technology that TSA can accept as a Capability. Vendor | Device Make & Model | Software Version | Date Added to ACL |
|---|---|---|---|
| DESKO GmbH | PENTA Scanner BPV2.0 | Latest TSA-approved software version | September 2019 |

2.2.4. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the technology to be operational.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| DESKO GmbH | PENTA Scanner BPV2.0 | Rechargeable Battery | DESKO GmbH | 3001659 | Rechargeable Battery |
| DESKO GmbH | PENTA Scanner BPV2.0 | Battery Charger | DESKO GmbH | 3001878 | Battery Charger |
| DESKO GmbH | PENTA Scanner BPV2.0 | Stanchion Mounting Bracket | DESKO GmbH | 3001879 | Stanchion Mounting Bracket |

The following is FF&E that TSA requires for efficient operations.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| DESKO GmbH | PENTA Scanner BPV2.0 | Anti-Fatigue Mats | Carolina Industrial | Item number varies based on length and width required | Sufficient coverage for areas where TSOs operate |
| DESKO GmbH | PENTA Scanner BPV2.0 | Stanchion | Lavi Industries | Beltrac Post with 7' single or double belt | For mounting |

2.3. Bottled Liquid Scanners

2.3.1. Technology Description

Bottled Liquid Scanners (BLS) units are used to differentiate explosive or flammable liquids from common, benign liquids carried by passengers. BLS units analyze substances within a container, measuring particular characteristics of a container's contents. The device can analyze substances within a container in seconds without having to open the container, and can also be used to screen medically exempt liquids.

2.3.2. Guidelines for Donors

FAT and SAT will be required for a BLS. An ETD is required to be deployed with a BLS. Therefore, Donor is required to coordinate with TSA on whether an ETD is available to be deployed with the donated BLS. If the Donor intends to donate an ETD as well, please see Paragraph 2.8 for technology and FF&E required for an ETD.

### 2.3.3. Technology

The following is the list of technology that TSA can accept as a Capability.

| Vendor | Device Make & Model | Software Version | Date Added to ACL |
|---|---|---|---|
| CEIA USA | EMA-MS | EMSS4160 | September 2019 |

### 2.3.4. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the technology to be operational.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| CEIA USA | EMA-MS | Test reference bottle | CEIA USA | Part# 45863 | Test reference bottle |
| CEIA USA | EMA-MS | Test reference bottle | CEIA USA | Part# 47967 | Test reference bottle |

## 2.4. Checkpoint Property Screening System (CPSS)

### 2.4.1. Technology Description

TSA established the CPSS Program to test and qualify computed tomography (CT) systems for use at airport security checkpoints nationwide. TSA is pursuing three CT configurations:

- CPSS Base - A CT scanner equipped with gravity rollers, manual diverter, Primary Viewing Station (PVS), Alternate Viewing System (AVS), and version 6.2 Level 0 threat detection algorithm. Base systems may be used to screen oversized items.
- CPSS Mid-size - A CT scanner equipment with power and/or gravity rollers, ingress/egress conveyors, operator initiated item divert capabilities, PVS, AVS, and version 6.2 Level 0 threat detection algorithm.
- CPSS Full-Size - A CT scanner equipped with automated ingress/egress conveyors, operator initiated auto divert capabilities, automated conveyance system with parallel divestiture and re-compose, automated bin return, high threat containment box, PVS, AVS(s), and version 6.2 Level 0 threat detection algorithm.

2.4.2. Guidelines for Donors

Acceptance Testing (e.g., FAT, SAT and Integrated System Acceptance Testing (iSAT) when applicable) will be required for all CPSS configurations.

As in the case of other checkpoint technologies, TSA's CPSS deployment strategy intends to maintain consistency of system make and models of CPSS devices in checkpoints whenever possible to support efficient screening operations and reduce costs. TSA may request that Donors be responsible for relocating TSA deployed passenger carry-on screening technology to support this strategy.

With each CPSS unit, Donors must provide an adequate number of bins for operational efficiency throughout the donor warranty period. As determined by CPSS, the quality and quantity of bins for each system will be identified in Paragraph 2.5.4. Warranty and maintenance for the CPSS shall include bins, bin carts, and all CPSS peripheral equipment to meet TSA's logistic support service level requirements.
Changes to the CPSS configuration of conveyor modules may not vary from the approved qualified system unless prior approval is received from TSA. Configuration modifications may require the Donor to support additional security detection and operational tests.

2.4.3. Technology

The following is the list of technology that TSA can accept as a Capability.

| Vendor | Device Make & Model | Configuration | Date Added to ACL |
|---|---|---|---|
| **Analogic Corporation** | Analogic ConneCT | Base-size | March 2022 |
| **Analogic Corporation** | Analogic ConneCT | Mid-size | September 2021 |
| **Analogic Corporation** | Analogic ConneCT | Full-size | March 2022 |

| Vendor | Device Make & Model | Configuration | Date Added to ACL |
|---|---|---|---|

| | | | |
|---|---|---|---|
| **IDSS Holdings, Inc.** | DETECT 1000 | Mid-size | January 2023 |
| **IDSS Holdings, Inc.** | DETECT 1000 | Full-size | August 2023 |

| Vendor | Device Make & Model | Configuration | Date Added to ACL |
|---|---|---|---|
| **Scarabee** | CPSS – CTiX System | Mid-size | October 2022 |
| **Scarabee** | CPSS – CTiX System | Full-size | January 2023 |

| Vendor | Device Make & Model | Configuration | Date Added to ACL |
|---|---|---|---|
| **Smiths Detection** | Smiths HI-SCAN 6040 CTiX | Base-size | January 2023 |
| **Smiths Detection** | Smiths HI-SCAN 6040 CTiX | Mid-size | October 2022 |
| **Smiths Detection** | Smiths HI-SCAN 6040 CTiX | Full-size | October 2022 |

2.4.4. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the technology to be operational.

**Analogic CPSS Base-size**

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description | Quantity |
|---|---|---|---|---|---|---|
| **Analogic Corp** | Analogic ConneCT | Viewing Stations (Primary) | Analogic Corp | 10-79026-01 | Includes computer and Associated components | 1 per system |
| **Analogic Corp.** | Analogic ConneCT | Viewing Station (Alternate) | Analogic Corp. | 10-79026-01 | Includes computer and associated components | 1 per system |

| Analogic Corp. | Analogic ConneCT | Bins (Antimicrobial) | Analogic Corp. | 103-127378-03<br><br>Spare part:<br><br>103-127378-03S | No RFID tags are used on the Base Configuration | 140 per system |
|---|---|---|---|---|---|---|
| Analogic Corp. | Analogic ConneCT | Training Simulator | Analogic Corp. | 106-121486-01 | Includes computer, monitor, monitor stand, power strip and software | 1 per system |
| Analogic Corp. | Analogic ConneCT | Operational Test Kit | Analogic Corp. | 10-78795-01 | Image Quality (OTK) | 1 per every 2 systems |

**Analogic CPSS Mid-size:**

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description | Quantity |
|---|---|---|---|---|---|---|
| Analogic Corp. | Analogic ConneCT | Viewing Stations (Primary) | Analogic Corp. | 10-79026-01 | Includes computer and associated components | 1 per system |
| Analogic Corp. | Analogic ConneCT | Viewing Station (Alternate) | Analogic Corp. | 10-79026-01 | Includes computer and associated components | 1 per system |
| Analogic Corp. | Analogic ConneCT | Bins (Antimicrobial) | Analogic Corp. | 103-127378-03 | 2 RFID tags per bin | 140 per system |
| Analogic Corp. | Analogic ConneCT | Training Simulator | Analogic Corp. | 106-121486-01 | Includes computer, monitor, monitor stand, power strip and software | 1 per system |
| Analogic Corp. | Analogic ConneCT | Operational Test Kit | Analogic Corp. | 10-78795-01 | Image Quality (OTK) | 1 per every 2 systems |

**Analogic CPSS Full-size:**

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description | Quantity |
|---|---|---|---|---|---|---|
| Analogic Corp. | Analogic ConneCT | Viewing Stations (Primary) | Analogic Corp. | 10-79026-01 | Includes computer and associated components | 1 per system |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Analogic Corp.** | Analogic ConneCT | Viewing Station (Alternate) | Analogic Corp. | 10-79026-01 | Includes computer and associated components | 1 per system |
| **Analogic Corp.** | Analogic ConneCT | Bins (Antimicrobial) | Analogic Corp. | N/A | 2 RFID tags per bin | 140 per system |
| **Analogic Corp.** | Analogic ConneCT | Training Simulator | Analogic Corp. | N/A | Includes computer, monitor, monitor stand, power strip and software | 1 per system |
| **Analogic Corp.** | Analogic ConneCT | Operational Test Kit | Analogic Corp. | 10-78795-01 | Image Quality | 1 per every 2 systems |

**IDSS CPSS Mid-size:**

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description | Quantity |
|---|---|---|---|---|---|---|
| **IDSS Holdings, Inc.** | CPSS Mid-size | Viewing Stations (Primary) | IDSS Holdings, Inc. | 001-0024-01 | Computer and associated components | 1 per system |
| **IDSS Holdings, Inc.** | CPSS Mid-size | Viewing Stations (Alternate) | IDSS Holdings, Inc. | 1000P400129 | Computer and associated components | 1 per system |
| **IDSS Holdings, Inc.** | CPSS Mid-size | Bins | IDSS Holdings, Inc. | 12043-SLT | 2 RFID Tags per bin | 140 per system |
| **IDSS Holdings, Inc.** | CPSS Mid-size | Training Simulator | IDSS Holdings, Inc. | 1000P400500 | Computer and associated components | 1 per system |
| **IDSS Holdings, Inc.** | CPSS Mid-size | Operational Test Kit | IDSS Holdings, Inc. | 1000A12001 | | 1 per system |

**IDSS CPSS Full-size:**

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description | Quantity |
|---|---|---|---|---|---|---|
| **IDSS Holdings, Inc.** | CPSS Full-Size | Viewing Stations (Primary) | IDSS Holdings, Inc. | 001-0024-01 | Computer and associated components | 1 per system |
| **IDSS Holdings, Inc.** | CPSS Full-Size | Viewing Stations (Alternate) | IDSS Holdings, Inc. | 1000P400129 | Computer and associated components | 1 per system |

| IDSS Holdings, Inc. | CPSS Full-Size | Bins | IDSS Holdings, Inc./Leidos | 12043-SLT | 2 RFID Tags per bin | 140 per system |
|---|---|---|---|---|---|---|
| IDSS Holdings, Inc. | CPSS Full-Size | Training Simulator | IDSS Holdings, Inc. | 1000P400500 | Computer and associated components | 1 per system |
| IDSS Holdings, Inc. | CPSS Full-Size | Operational Test Kit | IDSS Holdings, Inc. | 1000A12001 | | 1 per system |

**Scarabee CPSS Mid-size:**

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description | Quantity |
|---|---|---|---|---|---|---|
| **Scarabee** | CPSS Mid-size | Viewing Stations (Primary) | Scarabee | 34494973 | Workstation 3D MSC | 1 per system |
| **Scarabee** | CPSS Mid-size | Viewing Stations (Alternate) | Scarabee | 34485119 | Recheck station computer | 1 per system |
| **Scarabee** | CPSS Mid-size | Bins | Scarabee | SSL01_XA001_NH-A | Scarabee Security Tray | 140 per system |
| **Scarabee** | CPSS Mid-size | Training Simulator | Scarabee | 34494946 | Simulator PC | 1 per system |
| **Scarabee** | CPSS Mid-size | Operational Test Kit | Scarabee | 34433595 | Image Quality (OTK) | 1 per every 2 systems |

**Scarabee CPSS Full-size:**

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description | Quantity |
|---|---|---|---|---|---|---|
| **Scarabee** | CPSS Full-size | Viewing Stations (Primary) | Scarabee | 34494973 | Workstation 3D MSC | 1 per system |
| **Scarabee** | CPSS Full-size | Viewing Stations (Alternate) | Scarabee | 34485119 | Recheck station computers | 2 per system |
| **Scarabee** | CPSS Full-size | Bins | Scarabee | SSL01_XA001_NH-A | Scarabee Security Tray | 140 per system |

| Scarabee | CPSS Full-size | Training Simulator | Scarabee | 34494946 | Simulator PC | 1 per system |
| Scarabee | CPSS Full-size | Operational Test Kit | Scarabee | 34433595 | Image Quality (OTK) | 1 per every 2 systems |

**Smiths Detection CPSS Base-size:**

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description | Quantity |
|---|---|---|---|---|---|---|
| Smiths Detection | Smiths CTiX | Viewing Stations (Primary) | Smiths Detection | 34494973 | Workstation 3D MSC | 1 per system |
| Smiths Detection | Smiths CTiX | Viewing Stations (Alternate) | Smiths Detection | 34485119 | Recheck station computers | 1 per system |
| Smiths Detection | Smiths CTiX | Bins | Smiths Detection | 34505744 | SD2 Tray with RFID tag | 140 per system |
| Smiths Detection | Smiths CTiX | Training Simulator | Smiths Detection | 34494946 | Simulator PC | 1 per system |
| Smiths Detection | Smiths CTiX | Operational Test Kit | Smiths Detection | 34433595 | Image Quality (OTK) | 1 per every 2 systems |

**Smiths Detection CPSS Mid-size:**

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description | Quantity |
|---|---|---|---|---|---|---|
| Smiths Detection | Smiths CTiX | Viewing Stations (Primary) | Smiths Detection | 34494973 | Workstation 3D MSC | 1 per system |
| Smiths Detection | Smiths CTiX | Viewing Stations (Alternate) | Smiths Detection | 34485119 | Recheck station computer | 1 per system |
| Smiths Detection | Smiths CTiX | Bins | Smiths Detection | 34505744 | SD2 Tray with RFID tag | 140 per system |
| Smiths Detection | Smiths CTiX | Training Simulator | Smiths Detection | 34494946 | Simulator PC | 1 per system |
| Smiths Detection | Smiths CTiX | Operational Test Kit | Smiths Detection | 34433595 | Image Quality (OTK) | 1 per every 2 systems |

**Smiths Detection CPSS Full-size:**

ACQUISITION PROGRAM MANAGEMENT

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description | Quantity |
|---|---|---|---|---|---|---|
| **Smiths Detection** | Smiths CTiX | Viewing Stations (Primary) | Smiths Detection | 34494973 | Workstation 3D MSC | 1 per system |
| **Smiths Detection** | Smiths CTiX | Viewing Stations (Alternate) | Smiths Detection | 34485119 | Recheck station computer | 1 per system |
| **Smiths Detection** | Smiths CTiX | Bins | Smiths Detection | 34495373 | SD3 Tray w/ RFID tag | 140 per system |
| **Smiths Detection** | Smiths CTiX | Training Simulator | Smiths Detection | 34494946 | Simulator PC | 1 per system |
| **Smiths Detection** | Smiths CTiX | Operational Test Kit | Smiths Detection | 34433595 | Image Quality(OTK) | 1 per every 2 systems |

The following is FF&E that TSA requires for efficient operations.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| All CPSS vendors | All Makes and Models | Anti-Fatigue Mats | Carolina Industrial | Item number varies based on length and width required | Sufficient coverage for areas where TSOs operate |
| All CPSS vendors | All Make and Model | X-ray Chair | Nobel | | 1 chair per CPSS system |
| All CPSS vendors | Base Size Unit | Steel Table | | | Quantity varies based on length required |

2.5. Credential Authentication Technology

2.5.1. Technology Description

Credential Authentication Technology (CAT) provides a primary means for authentication of passenger travel documents/identification (ID) that are presented to TSOs by passengers before entering the passenger screening checkpoint, and for determining the Secure Flight status for the passenger. CAT satisfies the mission need to verify passenger IDs effectively and rapidly, and to detect IDs that are fraudulent, expired, and/or show evidence of tampering. Additionally, CAT verifies a passenger's Secure Flight (SF) screening vetting status and validates a passenger's flight reservation status in near-real time, and informs the TDC of the results to ensure that only verified passengers proceed into the appropriate screening lane based on passenger's SF screening status.

2.5.2. Guidelines for Donors

CAT I units are no longer available and are removed from the ACL. The CAT 2 upgrade units may be purchased to upgrade an existing CAT I system.

FAT and SAT will be required for a CAT. In addition, TSA may require the Donor to buy units including help desk and software support. Not every Donor will be required to provide this support, as it will be dependent on the quantity and timeframe that the CATs are deployed.

CAT requires a local 110-volt power source with grounding plug and connection to an active data port for operation. The Donor will need to confirm there are functional ports with network continuity.

### 2.5.3. Technology

The following is the list of technology that TSA can accept as a Capability.

| Vendor | Device Make & Model | Software Version | Date Added to ACL |
|---|---|---|---|
| Idemia Identity and Security N.A. | CAT 2 Upgrade Kit | Windows 10 Enterprise | July 2023 |

The following is FF&E that TSA requires for efficient operations.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| Idemia Identity and Security N.A. | CAT 2 Upgrade Kit | Anti-Fatigue Mats | Carolina Industrial | Item number varies based on length and width required | 1 per CAT unit at the TDC location |
| Idemia Identity and Security N.A. | CAT 2 Upgrade Kit | X-ray Chair | Nobel | | 1 per CAT unit |

## 2.6. Enhanced Metal Detectors

### 2.6.1. Technology Description

Also referred to as Walk-Through Metal Detectors, Enhanced Metal Detectors (EMDs) serve as a primary screening device of airline passengers for prohibited metallic objects at fixed checkpoints at the nation's airports.

2.6.2. Guidelines for Donors

FAT and SAT will be required for an EMD. EMDs are co-located with AIT in standard lanes and are the primary passenger screening capability used in TSA PreCheck® lanes. Therefore, the Donor is required to coordinate with TSA regarding whether an AIT is available to be deployed with the donated EMD. If the Donor intends to donate an AIT as well, please see Paragraph 2.1 for technology and FF&E required for an AIT.

2.6.3. Technology

The following is the list of technology that TSA can accept as a Capability.

| Vendor | Device Make & Model | Software Version | Date Added to ACL |
|---|---|---|---|
| CEIA USA | 02PN20/EZ | LX1A 1010 | September 2020 |
| CEIA USA | Standard Lane | 28D1E-1 | September 2020 |
| CEIA USA | Pre-Check Lane | 5GTAE-1 | September 2020 |

2.6.4. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the technology to be operational.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| CEIA USA | 02PN20-EZ | Base Plate | CEIA USA | 64355 | Stabilizing Plate |
| Larry Copello Inc. | 105156U | Operational Test Kit | Larry Copello Inc. | 105156U | Operational Test Kit |
|  |  |  |  |  |  |

The following is FF&E that TSA requires for efficient operations.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| CEIA USA | All Makes and Model | Anti-Fatigue Mats | Carolina Industrial | Item number varies based on length and width required | 1 per unit |

Explosives Trace Detectors

2.6.5. Technology Description

ETDs are highly sensitive devices developed to detect various types of commercial and military explosives. ETD technology detects explosive compounds on airline passengers, their accessible property, and checked baggage. ETDs identify explosives by detecting the chemical attributes of microscopic residues of an explosive compound. ETD technology is highly sensitive, thereby enabling fast and accurate screening for trace explosive quantities on a variety of surfaces. Simple operation of these machines further enhances their effectiveness. They are designed to be used as standalone systems or in conjunction with other technologies, such as the Advanced Technology X-Rays (ATs), to provide a comprehensive program to screen for explosives. Currently, TSA uses ETDs as the primary screening method at very small airports, and for alarm resolution at larger airports.

2.6.6. Guidelines for Donors

FAT and SAT will be required for all ETD units.

2.6.7. Technology

| Vendor | Device Make & Model | Software Version | Date Added to ACL |
|---|---|---|---|
| Smiths Detection Inc. | 500DT | 3.02.158 | September 2019 |
| Leidos Security Detection & Automation | QS B220 | 1.3.1.26116 | September 2019 |

2.6.8. Furniture, Fixtures, and Equipment

The following is the FF&E that is required for the TSE to be operational.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| Smiths Detection Inc. 500DT | 500DT | Sampling Wand Frame | NACC | 2820505-B | Sampling Wand Frame |
| Smiths Detection Inc. 500DT | 500DT | Sampling Wand Velcro Shaper | NACC | 1818944-A | Sampling Wand Velcro Shaper (10 pieces) |
| | | | DSA Detection | DWS8944 | |
| Smiths Detection Inc. 500DT | 500DT | Sample Swabs | NACC | 6822253-A | Sampling Swabs - 500DT (200 count) |
| | | | Princeton Security Tech | PSTNO-001 | |
| | | | Microsilver, Inc. | SWAB/DT | |
| | | | DSA Detection | DSW8055P | |

| Smiths Detection Inc. 500DT | 500DT | Verific Pen | NACC | 1823203-A | Verification Pen |
| | | | Princeton Security Tech | PSTVER-001 | |
| | | | DSA Detection | DVP1883 | |
| Leidos Security Detection & Automation | QS B220 | Optional Wand | L3 Security & Detection Systems, Inc. | | Optional Wand for QS B220 |
| Leidos Security Detection & Automation | QS B220 | Sample Swabs | DSA Detection | ST1269 | Sample Swab (100 count) |
| | | | Microsilver, Inc. | SWB/220 | Sample Swab |
| Leidos Security Detection & Automation | QS B220 | Verific Pen | DSA Detection | BSB1035 | Verification Sample B (Positive) |
| Leidos Security Detection & Automation | QS B220 | Calibrant | ETD Direct | IS1272-25 | Calibration Trap |
| | | | DSA Detection | CT1272 | Calibration Trap (25 count) |

The following is FF&E that TSA may require for efficient operations.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| Either ETD | | ETD/BLS Cabinet | Federal Prison Industries | | Lockable cabinet that fits both the ETD and the BLS |
| Either ETD | | ETD Search Table | Federal Prison Industries | | Stainless Steel Search Table that conforms around the AVS and has storage for consumables |
| Either ETD | | Anti-Fatigue Mats | Carolina Industries | | Sufficient coverage in areas where TSOs operate |

## 3. General Checkpoint FF&E

The following is FF&E that TSA may require for efficient operations. It is the responsibility of the Donor to provide needed FF&E to support the donated equipment.

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| General Checkpoint | | Stanchions | Lavi | | Stanchions required for separating TSA Pre✓® and Standard passengers in the |

| Vendor | Device Make & Model | Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|---|---|
| | | | | | queue and at screening technology as required |
| General Checkpoint | | Hard Panels | Lavi | | Hard panels that attach to the stanchions mentioned above for Pax separation and instructions |
| General Checkpoint | | Re-Compose Benches | Highland Products Group | | Benches for sterile side passenger area used for re-composure |
| General Checkpoint | | TDC Podiums | Amplivox | | Podiums used by the TSOs at the TDC position for checking passenger travel documents |
| General Checkpoint | | Chairs | Noble | | Chairs for TSO operations at the TDC and X-ray/CT scanners |
| General Checkpoint | | Supervisor Podiums | iBuyOfficeSupply | | Podiums at the back of the checkpoint with locking cabinets, power and data for Supervisors on the checkpoint |
| General Checkpoint | | Barriers | PCM | | Hard barriers to be placed between TSE at the sterile/non-sterile line |
| General Checkpoint | | ADA Gates | PCM | | ADA Gates to be placed in line with the hard barriers above |
| General Checkpoint | | Lights & Loupes | | | Lights and loupes required for travel document checking at the TDC position |
| General Checkpoint | | Anti-Fatigue Mats | | | Sufficient coverage in areas of TSO operations |

4. **Checked Baggage Transportation Security Equipment**

4.1. Explosives Detection Systems

4.1.1. Technology Description

TSA uses EDS as the primary checked baggage screening method to achieve its 100% screening mandate. EDS equipment can exist in two configurations:

- Standalone systems typically are found in lobby screening for small airports, or in larger airports with terminals that have low baggage volumes.
- In-line configurations integrate the EDS equipment into the baggage handling system that is customized for each airport. In-line configurations integrate the EDS equipment into the

baggage handling system to form the Checked Baggage Inspection System (CBIS). The CBIS are designed in accordance with TSA's Planning Guidelines and Design Standards (PGDS) to maximize efficiency, throughput, and minimize lifting of bags by TSOs.  In-line designs must be submitted for TSA review in accordance with PGDS design phase submittal requirements. FF&E is not specifically listed for in-line configurations as all infrastructure and FF&E requirements are outlined in the PGDS and typically owned and maintained by the airport/project sponsor.

4.1.2.  Guidelines for Donors

FAT and SAT will be required for all EDS units. iSAT will also be required for a CBIS configuration.

4.1.3.  Technology

| Vendor | Device Make & Model | Software Version | Date Added to ACL |
|---|---|---|---|
| Leidos Security Detection & Automation | 3DX6700 and 3DX6700-ES | Most recent qualified configuration | September 2019 |
| Smiths Detection Inc. | 9800 SEIO SC | Most recent qualified configuration | September 2019 |
| Smiths Detection Inc. | CTX-5800 | Most recent qualified configuration | September 2019 |
| Reveal / Leidos | CT-80DR+ and CT-80DR | Most recent qualified configuration | September 2019 |

The following is the peripheral equipment that is required for the TSE to be operational.

| Vendor | Item |
|---|---|
| Leidos Security Detection & Automation | Primary Viewing Station (PVS) |
| Leidos Security Detection & Automation | Secondary Viewing Station (SVS) |
| Leidos Security Detection & Automation | Printer |
| Leidos Security Detection & Automation | Network Equipment Package for 1-3 EDS |
| Leidos Security Detection & Automation | Network Equipment Package for 4-6 EDS |
| Leidos Security Detection & Automation | Network Equipment Package for 7-10 EDS |
| Leidos Security Detection & Automation | Master Control Station |
| Leidos Security Detection & Automation | Uninterruptable Power Supply (UPS) for 1-3 EDS |
| Leidos Security Detection & Automation | Uninterruptable Power Supply (UPS) for 4-6 EDS |

| | |
|---|---|
| Leidos Security Detection & Automation | Uninterruptable Power Supply (UPS) for 7-10 EDS |
| Leidos Security Detection & Automation | Integration support |
| Leidos Security Detection & Automation | Network Installation support |
| Leidos Security Detection & Automation | Integration Site Acceptance Test Support |
| Leidos Security Detection & Automation | Seismic Anchors |
| Smiths Detection Inc. | Primary Viewing Station (PVS) |
| Smiths Detection Inc. | Secondary Viewing Station (SVS) |
| Smiths Detection Inc. | Printer |
| Smiths Detection Inc. | Network Equipment Package for 1-3 EDS |
| Smiths Detection Inc. | Network Equipment Package for 4-6 EDS |
| Smiths Detection Inc. | Network Equipment Package for 7-10 EDS |
| Smiths Detection Inc. | Master Control Station |
| Smiths Detection Inc. | Uninterruptable Power Supply (UPS) for 1-3 EDS |
| Smiths Detection Inc. | Uninterruptable Power Supply (UPS) for 4-6 EDS |
| Smiths Detection Inc. | Uninterruptable Power Supply (UPS) for 7-10 EDS |
| Smiths Detection Inc. | Integration support |
| Smiths Detection Inc. | Network Installation support |
| Smiths Detection Inc. | Integration Site Acceptance Test Support |
| Smiths Detection Inc. | Seismic Anchors |
| Reveal / Leidos | Primary Viewing Station (PVS) |
| Reveal / Leidos | Secondary Viewing Station (SVS) |
| Reveal / Leidos | Printer |
| Reveal / Leidos | Uninterruptable Power Supply (UPS) |
| Reveal / Leidos | Seismic Anchor Brackets |
| Reveal / Leidos | Network Equipment Package for 1-4 EDS |
| Reveal / Leidos | Network Equipment Package for 5-8 EDS |
| Reveal / Leidos | Master Control Station |
| Reveal / Leidos | E-Stop switch |
| Reveal / Leidos | Hardware 24 port switch |
| Reveal / Leidos | Extended Length (XL) Conveyor kit |
| Reveal / Leidos | Air Conditioner |
| Reveal / Leidos | Scanner Pedestal |
| Reveal / Leidos | Conveyor Pedestal |
| Reveal / Leidos | XL Conveyor Pedestal |
| Reveal / Leidos | DR+ Extension Pedestal |
| Reveal / Leidos | Air Conditioner Pedestal |
| Reveal / Leidos | Seismic Anchor Brackets with Pedestal |
| Reveal / Leidos | Integration support |
| Reveal / Leidos | Network Installation support |
| Reveal / Leidos | Integration Site Acceptance Test Support |

The following is FF&E that TSA may require for efficient operations.

| Item | Peripheral Equipment Vendor | Item Number | Description |
|---|---|---|---|
| Gravity Roller conveyor | | | |
| Gravity Roller lift gate conveyor | | | |
| Chairs | | | |
| Anti-fatigue mats | | | |
| Ball Transfer Tables | | | |
| Flexible Roller Conveyor | | | |
| Edge Guard for gravity roller conveyor | | | |
| ETD Search Table | | | |
| ETD Cabinet | | | |

4.2. Explosives Trace Detectors

Please refer to Paragraph 2.8.